

FIG. 1 is a block diagram of a system 100. The system 100 includes a first block 110 and a second block 120. The first block 110 is connected to the second block 120 via a connection 130. The first block 110 also receives an input 140 and produces an output 150. The second block 120 produces an output 160.

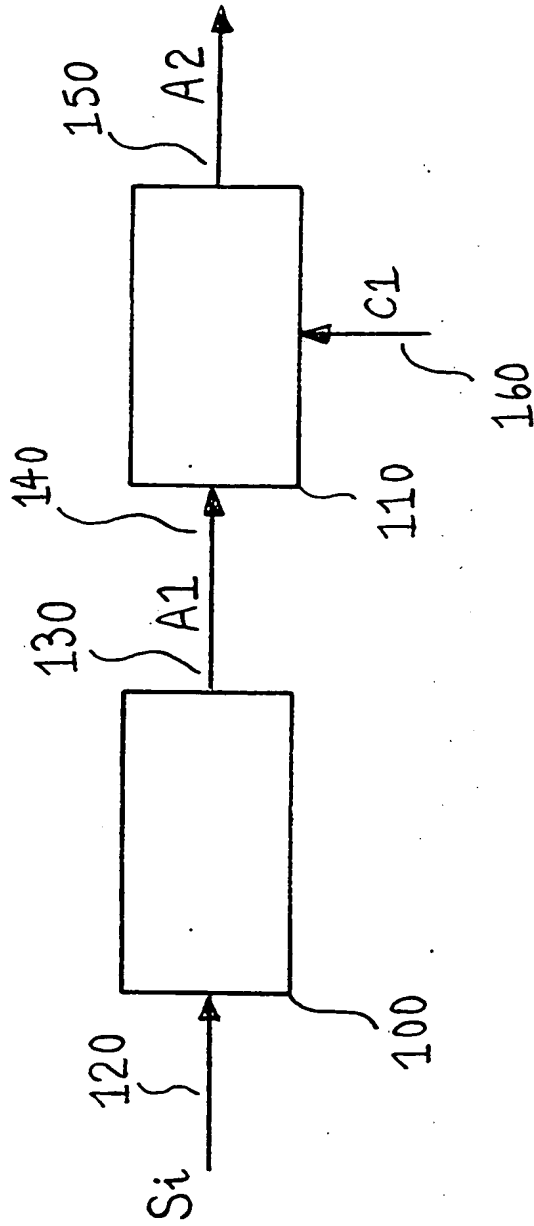


FIGURE 1

FIG. 2 is a block diagram of a control system 200, including a first actuator 100, a first sensor 110, a second actuator 210, a second sensor 220, a third actuator 230, and a third sensor 240. The first actuator 100 receives a control signal C1 and produces an output A1. The first sensor 110 receives the output A1 and produces a feedback signal FB. The second actuator 210 receives the feedback signal FB and produces an output A2. The second sensor 220 receives the output A2 and produces a feedback signal FB. The third actuator 230 receives the feedback signal FB and produces an output A3. The third sensor 240 receives the output A3 and produces a feedback signal FB.

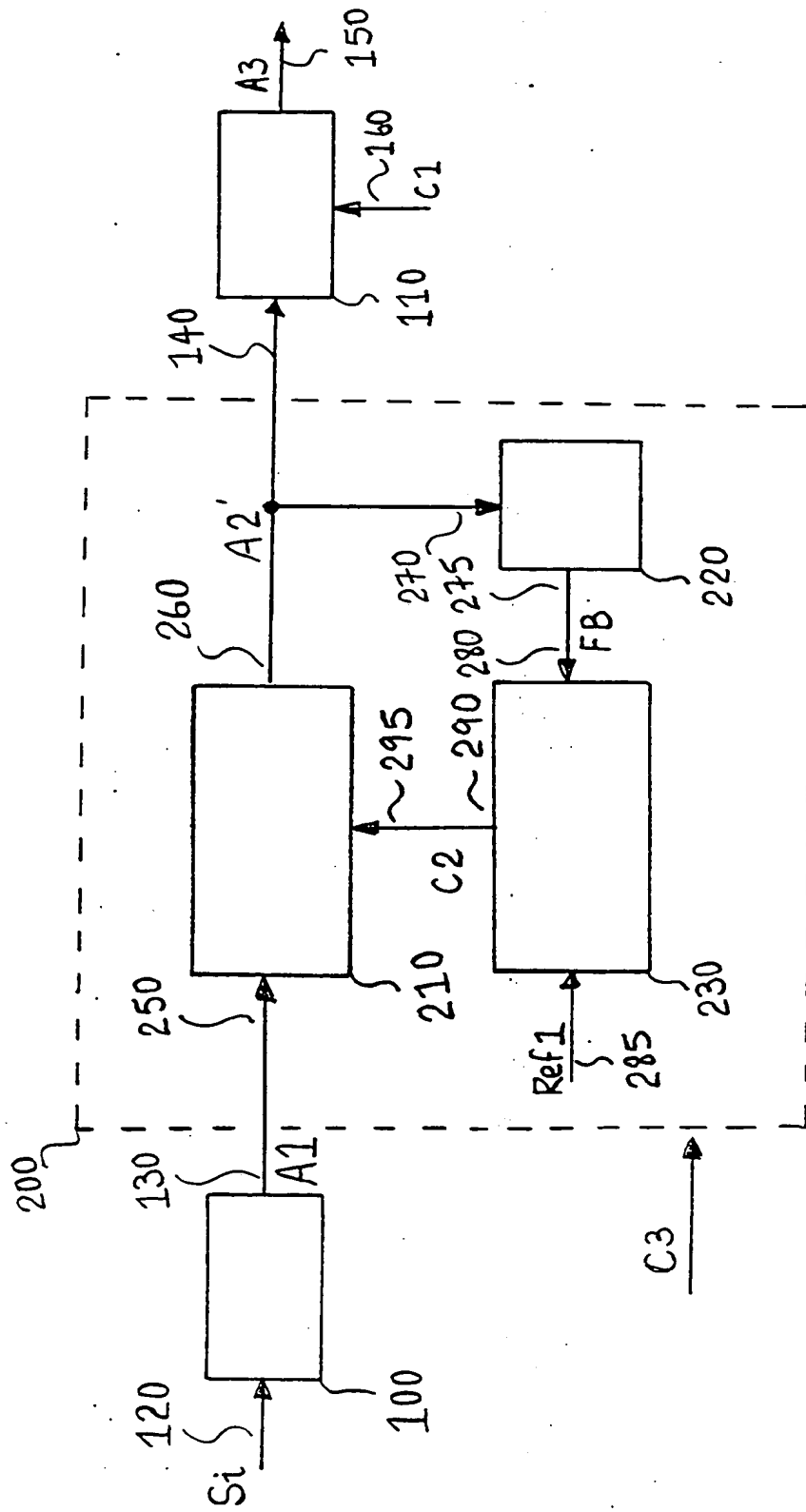


FIGURE 2.

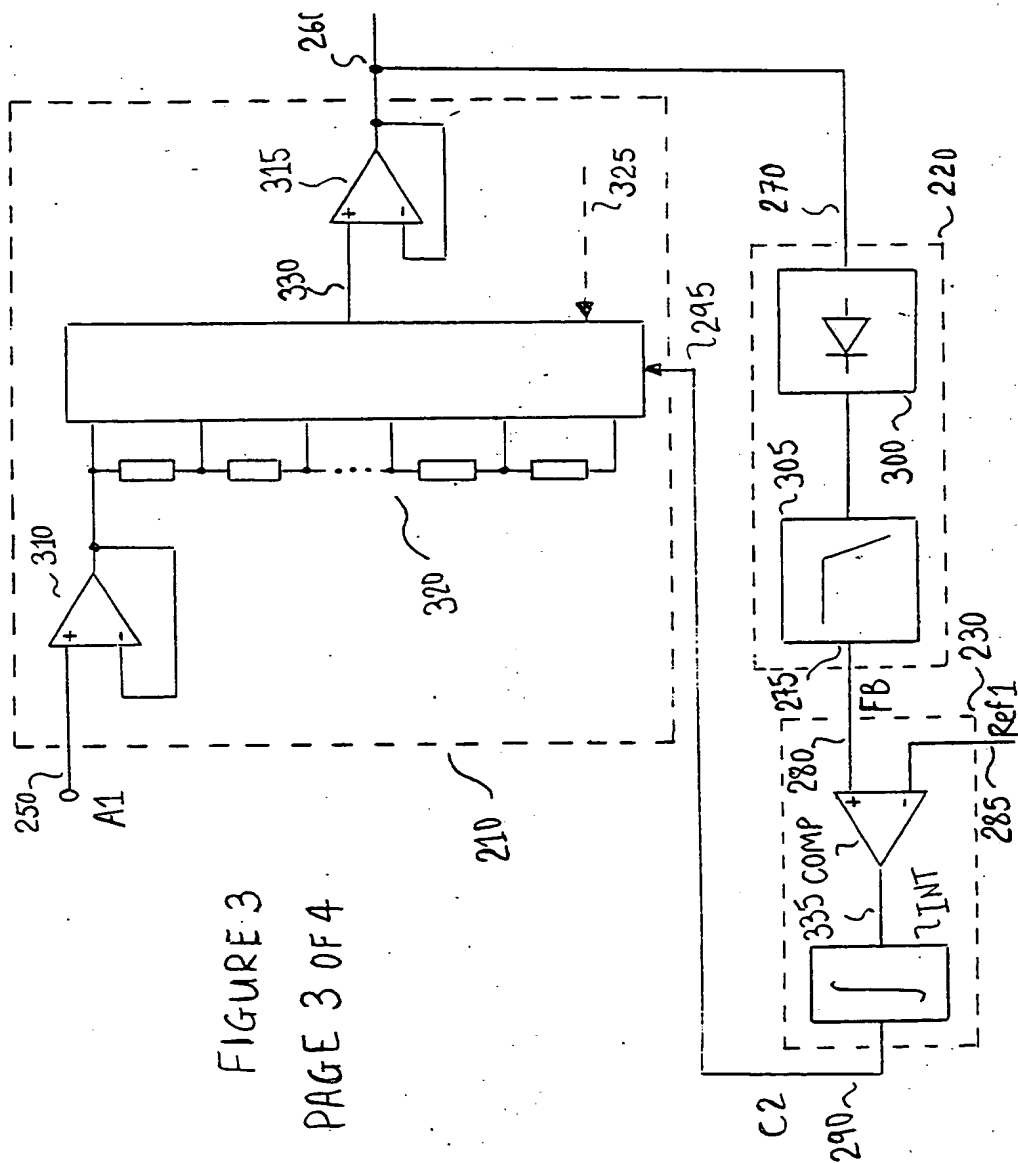


FIGURE 3

1. The first step is to determine the initial conditions of the system. This involves measuring the input voltage  $V$  and the output voltage  $V_A$  at time  $t_0$ .

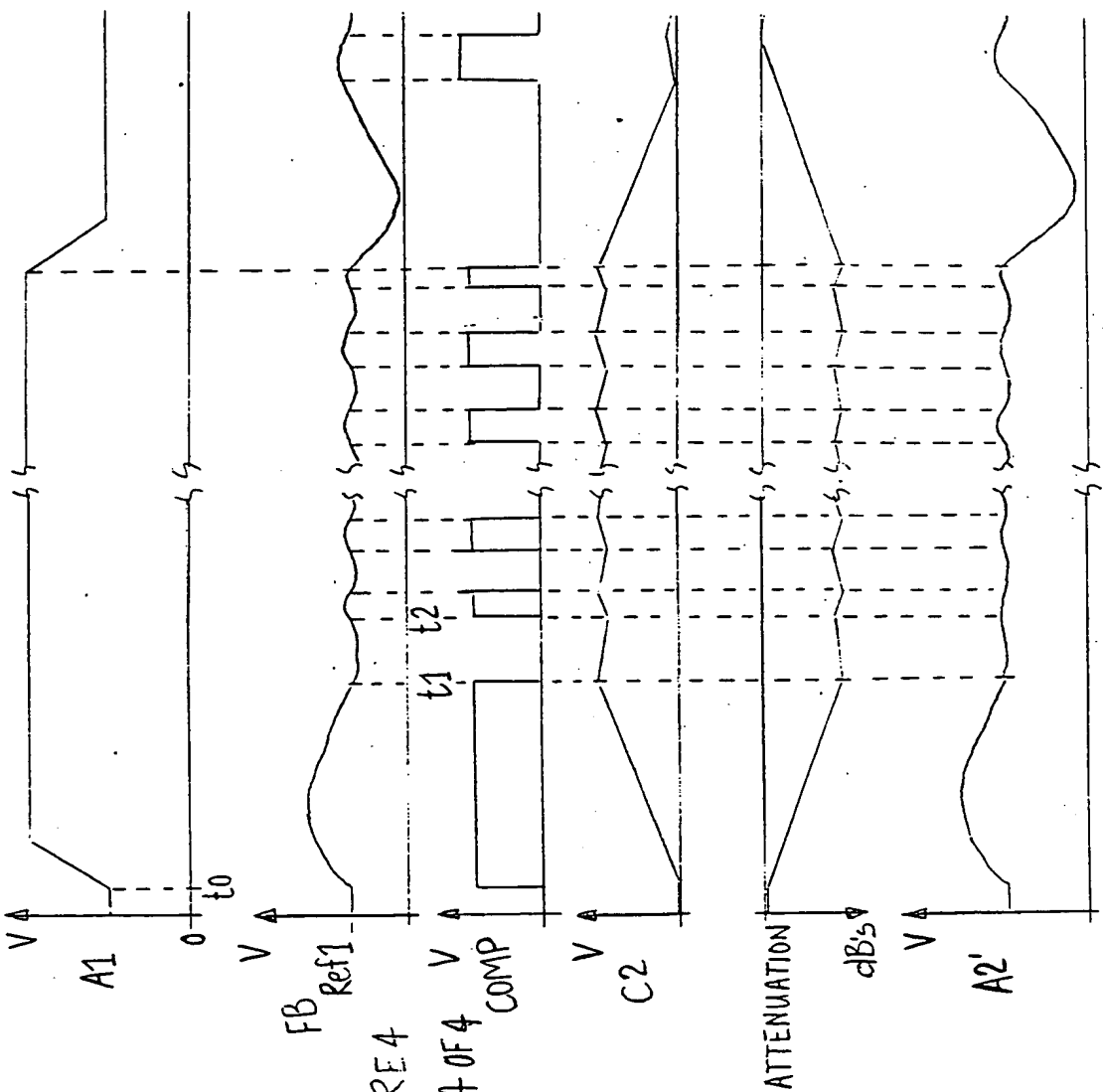


FIGURE 4  
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